

Project name

Chalk Farm Road - Be Lean

As designed

Date: Wed Jan 10 11:00:54 2024

Administrative information

Building Details

Address: Chalk Farm Road, London, TBC

Certifier details

Name: Name

Telephone number: Phone

Address: Street Address, City, Postcode

Certification tool

Calculation engine: Apache

Calculation engine version: 7.0.23

Interface to calculation engine: IES Virtual Environment

Interface to calculation engine version: 7.0.23

BRUKL compliance module version: v6.1.e.1

Foundation area [m²]: 706.61The CO₂ emission and primary energy rates of the building must not exceed the targets

Target CO ₂ emission rate (TER), kgCO ₂ /m ² annum	4.23
Building CO ₂ emission rate (BER), kgCO ₂ /m ² annum	3.76
Target primary energy rate (TPER), kWh _{PE} /m ² annum	45.41
Building primary energy rate (BPER), kWh _{PE} /m ² annum	40.54
Do the building's emission and primary energy rates exceed the targets?	BER ≤ TER BPER ≤ TPER

The performance of the building fabric and fixed building services should achieve reasonable overall standards of energy efficiency

Fabric element	U _a -Limit	U _a -Calc	U _i -Calc	First surface with maximum value
Walls*	0.26	0.15	0.15	S0000005:Surf[3]
Floors	0.18	0.1	0.1	S0000005:Surf[0]
Pitched roofs	0.16	-	-	No pitched roofs in building
Flat roofs	0.18	0.11	0.11	S0000007:Surf[1]
Windows** and roof windows	1.6	0.8	0.8	S0000005:Surf[1]
Rooflights***	2.2	-	-	No roof lights in building
Personnel doors^	1.6	1.6	1.6	S00000EA:Surf[11]
Vehicle access & similar large doors	1.3	-	-	No vehicle access doors in building
High usage entrance doors	3	-	-	No high usage entrance doors in building

U_a-Limit = Limiting area-weighted average U-values [W/(m²K)]U_i-Calc = Calculated maximum individual element U-values [W/(m²K)]U_a-Calc = Calculated area-weighted average U-values [W/(m²K)]

* Automatic U-value check by the tool does not apply to curtain walls whose limiting standard is similar to that for windows.

** Display windows and similar glazing are excluded from the U-value check.

*** Values for rooflights refer to the horizontal position.

^ For fire doors, limiting U-value is 1.8 W/m²K

NB: Neither roof ventilators (inc. smoke vents) nor swimming pool basins are modelled or checked against the limiting standards by the tool.

Air permeability	Limiting standard	This building
m ³ /(h.m ²) at 50 Pa	8	2

Building services

For details on the standard values listed below, system-specific guidance, and additional regulatory requirements, refer to the Approved Documents.

Whole building lighting automatic monitoring & targeting with alarms for out-of-range values	YES
Whole building electric power factor achieved by power factor correction	<0.9

1- 001| ASHP - Rads

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	3.09	-	0	-	0.9
Standard value	2.5*	N/A	N/A	N/A	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					

2- 002| VRF - Commercial Units

	Heating efficiency	Cooling efficiency	Radiant efficiency	SFP [W/(l/s)]	HR efficiency
This system	3.09	4	0	1.6	0.9
Standard value	2.5*	N/A	N/A	2^	N/A
Automatic monitoring & targeting with alarms for out-of-range values for this HVAC system					YES
* Standard shown is for all types >12 kW output, except absorption and gas engine heat pumps.					
^ Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.					

"No HWS in project, or hot water is provided by HVAC system"

Zone-level mechanical ventilation, exhaust, and terminal units

ID	System type in the Approved Documents
A	Local supply or extract ventilation units
B	Zonal supply system where the fan is remote from the zone
C	Zonal extract system where the fan is remote from the zone
D	Zonal balanced supply and extract ventilation system
E	Local balanced supply and extract ventilation units
F	Other local ventilation units
G	Fan assisted terminal variable air volume units
H	Fan coil units
I	Kitchen extract with the fan remote from the zone and a grease filter
NB: Limiting SFP may be increased by the amounts specified in the Approved Documents if the installation includes particular components.	

Zone name	SFP [W/(l/s)]										HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I			
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard	
SE.00 - WC	-	-	-	1.2	-	-	-	-	-	-	N/A	
SE.01.006 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.006 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.007 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.007 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.008 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.008 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.009 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.01.009 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I	Zone	Standard
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1		
SE.01.010 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.010 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011 - Bed 1	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A
SE.01.011.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.011.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.012 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.012 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.013 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.01.013 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.030 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.030 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.031 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.031 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.032 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.032 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.033 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.033 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.034 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.034 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035 - Bed 1	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A
SE.02.035.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.035.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.036 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.036 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.037 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.02.037 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.055 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.055 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.056 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.056 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.057 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.057 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.03.058 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]										HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I			
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard	
SE.03.058 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.059 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.059 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060 - Bed 1	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A	
SE.03.060.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.060.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.061 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.061 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.062 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.03.062 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.080 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.080 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.081 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.081 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.082 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.082 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.083 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.083 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.084 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.084 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085 - Bed 1	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A	
SE.04.085.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.085.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.086 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.086 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.087 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.04.087 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.105 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.105 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.106 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.106 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.107 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A	
SE.05.107 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A	

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SE.05.108 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.108 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.109 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.109 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110 - Bed 1	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A
SE.05.110.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.110.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.111 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.111 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.112 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.05.112 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.125 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.125 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.126 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.126 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.127 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.127 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.128 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.128 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.129 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.129 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.130 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.130 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.131 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.131 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.132 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.132 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.133 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.133 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.134 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.134 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.135 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.135 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.136 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.136 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.137 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.06.137 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.150 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I	Zone	Standard
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1		
SE.07.150 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.151 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.151 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.152 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.152 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.153 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.153 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.154 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.154 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A
SE.07.155.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.02 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.03 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.04 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.05 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.06 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.155.07 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.156 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.156 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.157 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.07.157 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.171 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.171 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.172 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.172 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.173 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.173 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.174 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.174 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.175 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.175 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.01 - Kitchen	-	-	-	0.9	-	-	-	-	0	-	N/A
SE.08.176.02 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.02 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.03 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.03 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.04 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.04 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SE.08.176.05 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.05 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.06 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.06 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.07 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.176.07 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.177 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.177 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.178 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SE.08.178 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.00 - Staff Room	-	-	-	1.2	-	-	-	-	-	-	N/A
SN.00 - WC	-	-	-	1.2	-	-	-	-	-	-	N/A
SN.01.001 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.001 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.002 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.002 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.003 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.003 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.004 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.004 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.005 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.01.005 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.025 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.025 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.026 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.026 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.027 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.027 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.028 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.028 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.029 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.02.029 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.050 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.050 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.051 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.051 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.052 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.052 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.053 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.053 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.054 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.03.054 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.075 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I	Zone	Standard
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1		
SN.04.075 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.076 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.076 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.077 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.077 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.078 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.078 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.079 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.04.079 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.100 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.100 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.101 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.101 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.102 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.102 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.103 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.103 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.104 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SN.05.104 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.00 - Dining Room	-	-	-	1.2	-	-	-	-	-	-	N/A
SW.00 - Staff	-	-	-	0.9	-	-	-	-	0	-	N/A
SW.00 - Reception Desk	-	-	-	1.2	-	-	-	-	-	-	N/A
SW.01.014 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.014 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.015 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.015 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.016 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.016 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.017 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.017 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.018 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.018 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.019 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.019 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.020 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.020 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.021 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.021 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.022 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.022 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.023 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.023 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.01.024 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SW.01.024 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.038 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.038 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.039 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.039 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.040 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.040 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.041 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.041 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.042 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.042 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.043 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.043 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.044 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.044 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.045 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.045 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.046 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.046 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.047 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.047 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.048 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.048 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.049 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.02.049 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.063 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.063 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.064 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.064 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.065 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.065 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.066 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.066 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.067 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.067 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.068 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.068 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.069 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.069 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.070 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.070 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.071 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.071 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I	Zone	Standard
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1		
SW.03.072 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.072 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.073 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.073 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.074 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.03.074 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.088 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.088 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.089 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.089 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.090 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.090 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.091 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.091 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.092 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.092 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.093 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.093 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.094 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.094 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.095 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.095 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.096 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.096 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.097 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.097 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.098 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.098 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.099 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.04.099 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.113 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.113 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.114 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.114 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.115 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.115 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.116 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.116 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.117 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.117 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.118 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.118 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.119 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SW.05.119 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.120 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.120 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.121 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.121 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.122 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.122 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.123 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.123 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.124 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.05.124 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.138 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.138 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.139 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.139 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.140 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.140 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.141 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.141 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.142 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.142 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.143 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.143 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.144 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.144 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.145 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.145 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.146 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.146 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.147 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.147 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.148 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.148 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.149 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.06.149 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.158 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.158 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.159 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.159 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.160 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.160 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.161 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.161 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SW.07.162 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.162 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.163 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.163 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.164 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.164 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.165 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.165 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.166 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.166 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.167 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.167 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.168 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.168 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.169 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.169 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.170 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.07.170 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.179 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.179 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.180 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.180 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.181 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.181 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.182 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.182 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.183 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.183 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.184 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.184 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.185 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.185 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.186 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.186 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.187 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.187 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.188 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.188 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.189 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.189 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.190 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.190 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.08.191 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SW.08.191 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.192 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.192 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.193 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.193 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.194 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.194 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.195 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.195 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.196 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.196 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.197 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.197 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.198 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.198 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.199 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.199 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.200 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.200 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.201 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.201 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.202 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.202 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.203 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.203 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.204 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.09.204 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW/SE.00 - Gym	-	-	-	1.2	-	-	-	-	-	-	N/A
SW/SE.00 - Laundry	-	-	-	1.2	-	-	-	-	-	-	N/A
SW/SE.00 - WC	-	-	-	1.2	-	-	-	-	-	-	N/A
SW/SE.00 - Workspace	-	-	-	1.2	-	-	-	-	-	-	N/A
SW.10.205 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.205 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.206 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.206 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.207 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.207 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.208 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.208 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.209 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.209 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.210 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.210 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A

Zone name	SFP [W/(l/s)]									HR efficiency	
ID of system type	A	B	C	D	E	F	G	H	I		
Standard value	0.3	1.1	0.5	2.3	2	0.5	0.5	0.4	1	Zone	Standard
SW.10.211 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.211 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.212 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.212 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.213 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.213 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.214 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.214 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.215 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.215 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.216 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.216 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.217 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.10.217 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.218 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.218 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.219 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.219 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.220 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.220 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.221 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.221 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.222 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.222 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.223 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.223 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.224 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.224 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.225 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.225 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.226 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.226 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.227 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.227 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.228 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.228 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.229 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.229 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.230 - Ensuite	-	-	-	0.9	-	-	-	-	-	-	N/A
SW.11.230 - Studio	-	-	-	0.9	-	-	-	-	-	-	N/A

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SE.00 - Bin Store Lift		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SE.00 - CAC 1		120	-	-
SE.00 - CAC 2		120	-	-
SE.00 - CAC 3		120	-	-
SE.00 - CAC 4		120	-	-
SE.00 - Commercial Unit 2		120	80	1.5
SE.00 - Staircore		120	-	-
SE.00 - Staircore		120	-	-
SE.00 - Staircore		120	-	-
SE.00 - Student Housing Lobby		120	-	-
SE.00 - UKPN		120	-	-
SE.00 - WC		120	-	-
SE.01 - CAC 1		120	-	-
SE.01 - CAC 2		120	-	-
SE.01 - CAC 3		120	-	-
SE.01 - Staircore		120	-	-
SE.01.006 - Ensuite		120	-	-
SE.01.006 - Studio		120	-	-
SE.01.007 - Ensuite		120	-	-
SE.01.007 - Studio		120	-	-
SE.01.008 - Ensuite		120	-	-
SE.01.008 - Studio		120	-	-
SE.01.009 - Ensuite		120	-	-
SE.01.009 - Studio		120	-	-
SE.01.010 - Ensuite		120	-	-
SE.01.010 - Studio		120	-	-
SE.01.011 - Bed 1		120	-	-
SE.01.011.01 - Kitchen		120	-	-
SE.01.011.02 - Ensuite		120	-	-
SE.01.011.03 - Ensuite		120	-	-
SE.01.011.04 - Ensuite		120	-	-
SE.01.011.05 - Ensuite		120	-	-
SE.01.011.06 - Ensuite		120	-	-
SE.01.011.07 - Ensuite		120	-	-
SE.01.012 - Ensuite		120	-	-
SE.01.012 - Studio		120	-	-
SE.01.013 - Ensuite		120	-	-
SE.01.013 - Studio		120	-	-
SE.02 - CAC 1		120	-	-
SE.02 - CAC 2		120	-	-
SE.02 - CAC 3		120	-	-
SE.02 - Staircore		120	-	-
SE.02.030 - Ensuite		120	-	-
SE.02.030 - Studio		120	-	-

General lighting and display lighting		General luminaire		Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]	
	Standard value	95	80	0.3	
SE.02.031 - Ensuite		120	-	-	
SE.02.031 - Studio		120	-	-	
SE.02.032 - Ensuite		120	-	-	
SE.02.032 - Studio		120	-	-	
SE.02.033 - Ensuite		120	-	-	
SE.02.033 - Studio		120	-	-	
SE.02.034 - Ensuite		120	-	-	
SE.02.034 - Studio		120	-	-	
SE.02.035 - Bed 1		120	-	-	
SE.02.035.01 - Kitchen		120	-	-	
SE.02.035.02 - Ensuite		120	-	-	
SE.02.035.03 - Ensuite		120	-	-	
SE.02.035.04 - Ensuite		120	-	-	
SE.02.035.05 - Ensuite		120	-	-	
SE.02.035.06 - Ensuite		120	-	-	
SE.02.035.07 - Ensuite		120	-	-	
SE.02.036 - Ensuite		120	-	-	
SE.02.036 - Studio		120	-	-	
SE.02.037 - Ensuite		120	-	-	
SE.02.037 - Studio		120	-	-	
SE.03 - CAC 1		120	-	-	
SE.03 - CAC 2		120	-	-	
SE.03 - CAC 3		120	-	-	
SE.03 - Staircore		120	-	-	
SE.03.055 - Ensuite		120	-	-	
SE.03.055 - Studio		120	-	-	
SE.03.056 - Ensuite		120	-	-	
SE.03.056 - Studio		120	-	-	
SE.03.057 - Ensuite		120	-	-	
SE.03.057 - Studio		120	-	-	
SE.03.058 - Ensuite		120	-	-	
SE.03.058 - Studio		120	-	-	
SE.03.059 - Ensuite		120	-	-	
SE.03.059 - Studio		120	-	-	
SE.03.060 - Bed 1		120	-	-	
SE.03.060.01 - Kitchen		120	-	-	
SE.03.060.02 - Ensuite		120	-	-	
SE.03.060.03 - Ensuite		120	-	-	
SE.03.060.04 - Ensuite		120	-	-	
SE.03.060.05 - Ensuite		120	-	-	
SE.03.060.06 - Ensuite		120	-	-	
SE.03.060.07 - Ensuite		120	-	-	
SE.03.061 - Ensuite		120	-	-	

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SE.03.061 - Studio		120	-	-
SE.03.062 - Ensuite		120	-	-
SE.03.062 - Studio		120	-	-
SE.04 - CAC 1		120	-	-
SE.04 - CAC 2		120	-	-
SE.04 - CAC 3		120	-	-
SE.04 - Staircore		120	-	-
SE.04.080 - Ensuite		120	-	-
SE.04.080 - Studio		120	-	-
SE.04.081 - Ensuite		120	-	-
SE.04.081 - Studio		120	-	-
SE.04.082 - Ensuite		120	-	-
SE.04.082 - Studio		120	-	-
SE.04.083 - Ensuite		120	-	-
SE.04.083 - Studio		120	-	-
SE.04.084 - Ensuite		120	-	-
SE.04.084 - Studio		120	-	-
SE.04.085 - Bed 1		120	-	-
SE.04.085.01 - Kitchen		120	-	-
SE.04.085.02 - Ensuite		120	-	-
SE.04.085.03 - Ensuite		120	-	-
SE.04.085.04 - Ensuite		120	-	-
SE.04.085.05 - Ensuite		120	-	-
SE.04.085.06 - Ensuite		120	-	-
SE.04.085.07 - Ensuite		120	-	-
SE.04.086 - Ensuite		120	-	-
SE.04.086 - Studio		120	-	-
SE.04.087 - Ensuite		120	-	-
SE.04.087 - Studio		120	-	-
SE.05 - CAC 1		120	-	-
SE.05 - CAC 2		120	-	-
SE.05 - CAC 3		120	-	-
SE.05 - Staircore		120	-	-
SE.05.105 - Ensuite		120	-	-
SE.05.105 - Studio		120	-	-
SE.05.106 - Ensuite		120	-	-
SE.05.106 - Studio		120	-	-
SE.05.107 - Ensuite		120	-	-
SE.05.107 - Studio		120	-	-
SE.05.108 - Ensuite		120	-	-
SE.05.108 - Studio		120	-	-
SE.05.109 - Ensuite		120	-	-
SE.05.109 - Studio		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SE.05.110 - Bed 1		120	-	-
SE.05.110.01 - Kitchen		120	-	-
SE.05.110.02 - Ensuite		120	-	-
SE.05.110.03 - Ensuite		120	-	-
SE.05.110.04 - Ensuite		120	-	-
SE.05.110.05 - Ensuite		120	-	-
SE.05.110.06 - Ensuite		120	-	-
SE.05.110.07 - Ensuite		120	-	-
SE.05.111 - Ensuite		120	-	-
SE.05.111 - Studio		120	-	-
SE.05.112 - Ensuite		120	-	-
SE.05.112 - Studio		120	-	-
SE.06 - CAC 1		120	-	-
SE.06 - CAC 2		120	-	-
SE.06 - Staircore		120	-	-
SE.06 - Staircore		120	-	-
SE.06.125 - Ensuite		120	-	-
SE.06.125 - Studio		120	-	-
SE.06.126 - Ensuite		120	-	-
SE.06.126 - Studio		120	-	-
SE.06.127 - Ensuite		120	-	-
SE.06.127 - Studio		120	-	-
SE.06.128 - Ensuite		120	-	-
SE.06.128 - Studio		120	-	-
SE.06.129 - Ensuite		120	-	-
SE.06.129 - Studio		120	-	-
SE.06.130 - Ensuite		120	-	-
SE.06.130 - Studio		120	-	-
SE.06.131 - Ensuite		120	-	-
SE.06.131 - Studio		120	-	-
SE.06.132 - Ensuite		120	-	-
SE.06.132 - Studio		120	-	-
SE.06.133 - Ensuite		120	-	-
SE.06.133 - Studio		120	-	-
SE.06.134 - Ensuite		120	-	-
SE.06.134 - Studio		120	-	-
SE.06.135 - Ensuite		120	-	-
SE.06.135 - Studio		120	-	-
SE.06.136 - Ensuite		120	-	-
SE.06.136 - Studio		120	-	-
SE.06.137 - Ensuite		120	-	-
SE.06.137 - Studio		120	-	-
SE.07 - CAC 1		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SE.07 - CAC 2		120	-	-
SE.07 - CAC 3		120	-	-
SE.07 - Staircore		120	-	-
SE.07 - Staircore		120	-	-
SE.07.150 - Ensuite		120	-	-
SE.07.150 - Studio		120	-	-
SE.07.151 - Ensuite		120	-	-
SE.07.151 - Studio		120	-	-
SE.07.152 - Ensuite		120	-	-
SE.07.152 - Studio		120	-	-
SE.07.153 - Ensuite		120	-	-
SE.07.153 - Studio		120	-	-
SE.07.154 - Ensuite		120	-	-
SE.07.154 - Studio		120	-	-
SE.07.155.01 - Kitchen		120	-	-
SE.07.155.02 - Ensuite		120	-	-
SE.07.155.02 - Studio		120	-	-
SE.07.155.03 - Ensuite		120	-	-
SE.07.155.03 - Studio		120	-	-
SE.07.155.04 - Ensuite		120	-	-
SE.07.155.04 - Studio		120	-	-
SE.07.155.05 - Ensuite		120	-	-
SE.07.155.05 - Studio		120	-	-
SE.07.155.06 - Ensuite		120	-	-
SE.07.155.06 - Studio		120	-	-
SE.07.155.07 - Ensuite		120	-	-
SE.07.155.07 - Studio		120	-	-
SE.07.156 - Ensuite		120	-	-
SE.07.156 - Studio		120	-	-
SE.07.157 - Ensuite		120	-	-
SE.07.157 - Studio		120	-	-
SE.08 - CAC 1		120	-	-
SE.08 - CAC 2		120	-	-
SE.08 - CAC 3		120	-	-
SE.08 - Staircore		120	-	-
SE.08 - Staircore		120	-	-
SE.08.171 - Ensuite		120	-	-
SE.08.171 - Studio		120	-	-
SE.08.172 - Ensuite		120	-	-
SE.08.172 - Studio		120	-	-
SE.08.173 - Ensuite		120	-	-
SE.08.173 - Studio		120	-	-
SE.08.174 - Ensuite		120	-	-

General lighting and display lighting		General luminaire		Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]	
	Standard value	95	80	0.3	
SE.08.174 - Studio		120	-	-	
SE.08.175 - Ensuite		120	-	-	
SE.08.175 - Studio		120	-	-	
SE.08.176.01 - Kitchen		120	-	-	
SE.08.176.02 - Ensuite		120	-	-	
SE.08.176.02 - Studio		120	-	-	
SE.08.176.03 - Ensuite		120	-	-	
SE.08.176.03 - Studio		120	-	-	
SE.08.176.04 - Ensuite		120	-	-	
SE.08.176.04 - Studio		120	-	-	
SE.08.176.05 - Ensuite		120	-	-	
SE.08.176.05 - Studio		120	-	-	
SE.08.176.06 - Ensuite		120	-	-	
SE.08.176.06 - Studio		120	-	-	
SE.08.176.07 - Ensuite		120	-	-	
SE.08.176.07 - Studio		120	-	-	
SE.08.177 - Ensuite		120	-	-	
SE.08.177 - Studio		120	-	-	
SE.08.178 - Ensuite		120	-	-	
SE.08.178 - Studio		120	-	-	
SE.09 - Plant Room		120	-	-	
SE.B - Bin Store		120	-	-	
SE.B - CAC 3		120	-	-	
SE.B - Commercial Unit 2		120	80	1.5	
SE.B - Store		120	-	-	
SN.00 - Commercial Unit 1		120	80	1.5	
SN.00 - Staff Room		120	-	-	
SN.00 - Store		120	-	-	
SN.00 - WC		120	-	-	
SN.01 - CAC 1		120	-	-	
SN.01.001 - Ensuite		120	-	-	
SN.01.001 - Studio		120	-	-	
SN.01.002 - Ensuite		120	-	-	
SN.01.002 - Studio		120	-	-	
SN.01.003 - Ensuite		120	-	-	
SN.01.003 - Studio		120	-	-	
SN.01.004 - Ensuite		120	-	-	
SN.01.004 - Studio		120	-	-	
SN.01.005 - Ensuite		120	-	-	
SN.01.005 - Studio		120	-	-	
SN.02 - CAC 1		120	-	-	
SN.02.025 - Ensuite		120	-	-	
SN.02.025 - Studio		120	-	-	

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SN.02.026 - Ensuite		120	-	-
SN.02.026 - Studio		120	-	-
SN.02.027 - Ensuite		120	-	-
SN.02.027 - Studio		120	-	-
SN.02.028 - Ensuite		120	-	-
SN.02.028 - Studio		120	-	-
SN.02.029 - Ensuite		120	-	-
SN.02.029 - Studio		120	-	-
SN.03 - CAC 1		120	-	-
SN.03.050 - Ensuite		120	-	-
SN.03.050 - Studio		120	-	-
SN.03.051 - Ensuite		120	-	-
SN.03.051 - Studio		120	-	-
SN.03.052 - Ensuite		120	-	-
SN.03.052 - Studio		120	-	-
SN.03.053 - Ensuite		120	-	-
SN.03.053 - Studio		120	-	-
SN.03.054 - Ensuite		120	-	-
SN.03.054 - Studio		120	-	-
SN.04 - CAC 1		120	-	-
SN.04.075 - Ensuite		120	-	-
SN.04.075 - Studio		120	-	-
SN.04.076 - Ensuite		120	-	-
SN.04.076 - Studio		120	-	-
SN.04.077 - Ensuite		120	-	-
SN.04.077 - Studio		120	-	-
SN.04.078 - Ensuite		120	-	-
SN.04.078 - Studio		120	-	-
SN.04.079 - Ensuite		120	-	-
SN.04.079 - Studio		120	-	-
SN.05 - CAC 1		120	-	-
SN.05.100 - Ensuite		120	-	-
SN.05.100 - Studio		120	-	-
SN.05.101 - Ensuite		120	-	-
SN.05.101 - Studio		120	-	-
SN.05.102 - Ensuite		120	-	-
SN.05.102 - Studio		120	-	-
SN.05.103 - Ensuite		120	-	-
SN.05.103 - Studio		120	-	-
SN.05.104 - Ensuite		120	-	-
SN.05.104 - Studio		120	-	-
SN.B - Commercial Unit 1		120	80	1.5
SW.00 - Bike Store		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SW.00 - CAC 5		120	-	-
SW.00 - CAC 6		120	-	-
SW.00 - CAC 7		120	-	-
SW.00 - CAC 8		120	-	-
SW.00 - CAC 9		120	-	-
SW.00 - Dining Room		120	-	-
SW.00 - Plant/ Thermal Plant Room/ Boost Water Storage		120	-	-
SW.00 - Post		120	-	-
SW.00 - Staff		120	-	-
SW.00 - Staircore		120	-	-
SW.00 - Staircore		120	-	-
SW.00 - Reception Desk		120	-	-
SW.01 - CAC 1		120	-	-
SW.01 - CAC 2		120	-	-
SW.01 - CAC 3		120	-	-
SW.01 - Staircore		120	-	-
SW.01 - Staircore		120	-	-
SW.01.014 - Ensuite		120	-	-
SW.01.014 - Studio		120	-	-
SW.01.015 - Ensuite		120	-	-
SW.01.015 - Studio		120	-	-
SW.01.016 - Ensuite		120	-	-
SW.01.016 - Studio		120	-	-
SW.01.017 - Ensuite		120	-	-
SW.01.017 - Studio		120	-	-
SW.01.018 - Ensuite		120	-	-
SW.01.018 - Studio		120	-	-
SW.01.019 - Ensuite		120	-	-
SW.01.019 - Studio		120	-	-
SW.01.020 - Ensuite		120	-	-
SW.01.020 - Studio		120	-	-
SW.01.021 - Ensuite		120	-	-
SW.01.021 - Studio		120	-	-
SW.01.022 - Ensuite		120	-	-
SW.01.022 - Studio		120	-	-
SW.01.023 - Ensuite		120	-	-
SW.01.023 - Studio		120	-	-
SW.01.024 - Ensuite		120	-	-
SW.01.024 - Studio		120	-	-
SW.02 - CAC 1		120	-	-
SW.02 - CAC 2		120	-	-
SW.02 - Staircore		120	-	-
SW.02 - Staircore		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SW.02.038 - Ensuite		120	-	-
SW.02.038 - Studio		120	-	-
SW.02.039 - Ensuite		120	-	-
SW.02.039 - Studio		120	-	-
SW.02.040 - Ensuite		120	-	-
SW.02.040 - Studio		120	-	-
SW.02.041 - Ensuite		120	-	-
SW.02.041 - Studio		120	-	-
SW.02.042 - Ensuite		120	-	-
SW.02.042 - Studio		120	-	-
SW.02.043 - Ensuite		120	-	-
SW.02.043 - Studio		120	-	-
SW.02.044 - Ensuite		120	-	-
SW.02.044 - Studio		120	-	-
SW.02.045 - Ensuite		120	-	-
SW.02.045 - Studio		120	-	-
SW.02.046 - Ensuite		120	-	-
SW.02.046 - Studio		120	-	-
SW.02.047 - Ensuite		120	-	-
SW.02.047 - Studio		120	-	-
SW.02.048 - Ensuite		120	-	-
SW.02.048 - Studio		120	-	-
SW.02.049 - Ensuite		120	-	-
SW.02.049 - Studio		120	-	-
SW.03 - CAC 1		120	-	-
SW.03 - CAC 2		120	-	-
SW.03 - Staircore		120	-	-
SW.03 - Staircore		120	-	-
SW.03.063 - Ensuite		120	-	-
SW.03.063 - Studio		120	-	-
SW.03.064 - Ensuite		120	-	-
SW.03.064 - Studio		120	-	-
SW.03.065 - Ensuite		120	-	-
SW.03.065 - Studio		120	-	-
SW.03.066 - Ensuite		120	-	-
SW.03.066 - Studio		120	-	-
SW.03.067 - Ensuite		120	-	-
SW.03.067 - Studio		120	-	-
SW.03.068 - Ensuite		120	-	-
SW.03.068 - Studio		120	-	-
SW.03.069 - Ensuite		120	-	-
SW.03.069 - Studio		120	-	-
SW.03.070 - Ensuite		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SW.03.070 - Studio		120	-	-
SW.03.071 - Ensuite		120	-	-
SW.03.071 - Studio		120	-	-
SW.03.072 - Ensuite		120	-	-
SW.03.072 - Studio		120	-	-
SW.03.073 - Ensuite		120	-	-
SW.03.073 - Studio		120	-	-
SW.03.074 - Ensuite		120	-	-
SW.03.074 - Studio		120	-	-
SW.04 - CAC 1		120	-	-
SW.04 - CAC 2		120	-	-
SW.04 - Staircore		120	-	-
SW.04 - Staircore		120	-	-
SW.04.088 - Ensuite		120	-	-
SW.04.088 - Studio		120	-	-
SW.04.089 - Ensuite		120	-	-
SW.04.089 - Studio		120	-	-
SW.04.090 - Ensuite		120	-	-
SW.04.090 - Studio		120	-	-
SW.04.091 - Ensuite		120	-	-
SW.04.091 - Studio		120	-	-
SW.04.092 - Ensuite		120	-	-
SW.04.092 - Studio		120	-	-
SW.04.093 - Ensuite		120	-	-
SW.04.093 - Studio		120	-	-
SW.04.094 - Ensuite		120	-	-
SW.04.094 - Studio		120	-	-
SW.04.095 - Ensuite		120	-	-
SW.04.095 - Studio		120	-	-
SW.04.096 - Ensuite		120	-	-
SW.04.096 - Studio		120	-	-
SW.04.097 - Ensuite		120	-	-
SW.04.097 - Studio		120	-	-
SW.04.098 - Ensuite		120	-	-
SW.04.098 - Studio		120	-	-
SW.04.099 - Ensuite		120	-	-
SW.04.099 - Studio		120	-	-
SW.05 - CAC 1		120	-	-
SW.05 - CAC 2		120	-	-
SW.05 - Staircore		120	-	-
SW.05 - Staircore		120	-	-
SW.05.113 - Ensuite		120	-	-
SW.05.113 - Studio		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SW.05.114 - Ensuite		120	-	-
SW.05.114 - Studio		120	-	-
SW.05.115 - Ensuite		120	-	-
SW.05.115 - Studio		120	-	-
SW.05.116 - Ensuite		120	-	-
SW.05.116 - Studio		120	-	-
SW.05.117 - Ensuite		120	-	-
SW.05.117 - Studio		120	-	-
SW.05.118 - Ensuite		120	-	-
SW.05.118 - Studio		120	-	-
SW.05.119 - Ensuite		120	-	-
SW.05.119 - Studio		120	-	-
SW.05.120 - Ensuite		120	-	-
SW.05.120 - Studio		120	-	-
SW.05.121 - Ensuite		120	-	-
SW.05.121 - Studio		120	-	-
SW.05.122 - Ensuite		120	-	-
SW.05.122 - Studio		120	-	-
SW.05.123 - Ensuite		120	-	-
SW.05.123 - Studio		120	-	-
SW.05.124 - Ensuite		120	-	-
SW.05.124 - Studio		120	-	-
SW.06 - CAC 1		120	-	-
SW.06 - CAC 2		120	-	-
SW.06 - Staircore		120	-	-
SW.06 - Staircore		120	-	-
SW.06.138 - Ensuite		120	-	-
SW.06.138 - Studio		120	-	-
SW.06.139 - Ensuite		120	-	-
SW.06.139 - Studio		120	-	-
SW.06.140 - Ensuite		120	-	-
SW.06.140 - Studio		120	-	-
SW.06.141 - Ensuite		120	-	-
SW.06.141 - Studio		120	-	-
SW.06.142 - Ensuite		120	-	-
SW.06.142 - Studio		120	-	-
SW.06.143 - Ensuite		120	-	-
SW.06.143 - Studio		120	-	-
SW.06.144 - Ensuite		120	-	-
SW.06.144 - Studio		120	-	-
SW.06.145 - Ensuite		120	-	-
SW.06.145 - Studio		120	-	-
SW.06.146 - Ensuite		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SW.06.146 - Studio		120	-	-
SW.06.147 - Ensuite		120	-	-
SW.06.147 - Studio		120	-	-
SW.06.148 - Ensuite		120	-	-
SW.06.148 - Studio		120	-	-
SW.06.149 - Ensuite		120	-	-
SW.06.149 - Studio		120	-	-
SW.07 - CAC 1		120	-	-
SW.07 - CAC 2		120	-	-
SW.07 - Staircore		120	-	-
SW.07 - Staircore		120	-	-
SW.07.158 - Ensuite		120	-	-
SW.07.158 - Studio		120	-	-
SW.07.159 - Ensuite		120	-	-
SW.07.159 - Studio		120	-	-
SW.07.160 - Ensuite		120	-	-
SW.07.160 - Studio		120	-	-
SW.07.161 - Ensuite		120	-	-
SW.07.161 - Studio		120	-	-
SW.07.162 - Ensuite		120	-	-
SW.07.162 - Studio		120	-	-
SW.07.163 - Ensuite		120	-	-
SW.07.163 - Studio		120	-	-
SW.07.164 - Ensuite		120	-	-
SW.07.164 - Studio		120	-	-
SW.07.165 - Ensuite		120	-	-
SW.07.165 - Studio		120	-	-
SW.07.166 - Ensuite		120	-	-
SW.07.166 - Studio		120	-	-
SW.07.167 - Ensuite		120	-	-
SW.07.167 - Studio		120	-	-
SW.07.168 - Ensuite		120	-	-
SW.07.168 - Studio		120	-	-
SW.07.169 - Ensuite		120	-	-
SW.07.169 - Studio		120	-	-
SW.07.170 - Ensuite		120	-	-
SW.07.170 - Studio		120	-	-
SW.08 - CAC 1		120	-	-
SW.08 - CAC 2		120	-	-
SW.08 - Staircore		120	-	-
SW.08 - Staircore		120	-	-
SW.08.179 - Ensuite		120	-	-
SW.08.179 - Studio		120	-	-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80	0.3
SW.08.180 - Ensuite		120	-	-
SW.08.180 - Studio		120	-	-
SW.08.181 - Ensuite		120	-	-
SW.08.181 - Studio		120	-	-
SW.08.182 - Ensuite		120	-	-
SW.08.182 - Studio		120	-	-
SW.08.183 - Ensuite		120	-	-
SW.08.183 - Studio		120	-	-
SW.08.184 - Ensuite		120	-	-
SW.08.184 - Studio		120	-	-
SW.08.185 - Ensuite		120	-	-
SW.08.185 - Studio		120	-	-
SW.08.186 - Ensuite		120	-	-
SW.08.186 - Studio		120	-	-
SW.08.187 - Ensuite		120	-	-
SW.08.187 - Studio		120	-	-
SW.08.188 - Ensuite		120	-	-
SW.08.188 - Studio		120	-	-
SW.08.189 - Ensuite		120	-	-
SW.08.189 - Studio		120	-	-
SW.08.190 - Ensuite		120	-	-
SW.08.190 - Studio		120	-	-
SW.08.191 - Ensuite		120	-	-
SW.08.191 - Studio		120	-	-
SW.09 - CAC 1		120	-	-
SW.09 - CAC 2		120	-	-
SW.09 - Staircore		120	-	-
SW.09 - Staircore		120	-	-
SW.09.192 - Ensuite		120	-	-
SW.09.192 - Studio		120	-	-
SW.09.193 - Ensuite		120	-	-
SW.09.193 - Studio		120	-	-
SW.09.194 - Ensuite		120	-	-
SW.09.194 - Studio		120	-	-
SW.09.195 - Ensuite		120	-	-
SW.09.195 - Studio		120	-	-
SW.09.196 - Ensuite		120	-	-
SW.09.196 - Studio		120	-	-
SW.09.197 - Ensuite		120	-	-
SW.09.197 - Studio		120	-	-
SW.09.198 - Ensuite		120	-	-
SW.09.198 - Studio		120	-	-
SW.09.199 - Ensuite		120	-	-

General lighting and display lighting		General luminaire		Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m ²]
	Standard value	95	80		0.3
SW.09.199 - Studio		120	-		-
SW.09.200 - Ensuite		120	-		-
SW.09.200 - Studio		120	-		-
SW.09.201 - Ensuite		120	-		-
SW.09.201 - Studio		120	-		-
SW.09.202 - Ensuite		120	-		-
SW.09.202 - Studio		120	-		-
SW.09.203 - Ensuite		120	-		-
SW.09.203 - Studio		120	-		-
SW.09.204 - Ensuite		120	-		-
SW.09.204 - Studio		120	-		-
SW.B - CAC 1		120	-		-
SW.B - Commercial Sprinkler Storage		120	-		-
SW.B - Staircore		120	-		-
SW.B - Store		120	-		-
SW/SE.00 - Generator		120	-		-
SW/SE.00 - Gym		120	-		-
SW/SE.00 - Laundry		120	-		-
SW/SE.00 - WC		120	-		-
SW/SE.00 - Workspace		120	-		-
SW/SE.B - CAC 2		120	-		-
SW/SE.B - Primary Switch Room		120	-		-
SW/SE.B - Rain Water Storage		120	-		-
SW/SE.B - Residential Water Storage		120	-		-
SW.10 - CAC 1		120	-		-
SW.10 - CAC 2		120	-		-
SW.10 - Staircore		120	-		-
SW.10 - Staircore		120	-		-
SW.10.205 - Ensuite		120	-		-
SW.10.205 - Studio		120	-		-
SW.10.206 - Ensuite		120	-		-
SW.10.206 - Studio		120	-		-
SW.10.207 - Ensuite		120	-		-
SW.10.207 - Studio		120	-		-
SW.10.208 - Ensuite		120	-		-
SW.10.208 - Studio		120	-		-
SW.10.209 - Ensuite		120	-		-
SW.10.209 - Studio		120	-		-
SW.10.210 - Ensuite		120	-		-
SW.10.210 - Studio		120	-		-
SW.10.211 - Ensuite		120	-		-
SW.10.211 - Studio		120	-		-
SW.10.212 - Ensuite		120	-		-

General lighting and display lighting		General luminaire	Display light source	
Zone name		Efficacy [lm/W]	Efficacy [lm/W]	Power density [W/m²]
	Standard value	95	80	0.3
SW.10.212 - Studio		120	-	-
SW.10.213 - Ensuite		120	-	-
SW.10.213 - Studio		120	-	-
SW.10.214 - Ensuite		120	-	-
SW.10.214 - Studio		120	-	-
SW.10.215 - Ensuite		120	-	-
SW.10.215 - Studio		120	-	-
SW.10.216 - Ensuite		120	-	-
SW.10.216 - Studio		120	-	-
SW.10.217 - Ensuite		120	-	-
SW.10.217 - Studio		120	-	-
SW.11 - CAC 1		120	-	-
SW.11 - CAC 2		120	-	-
SW.11 - Staircore		120	-	-
SW.11 - Staircore		120	-	-
SW.11.218 - Ensuite		120	-	-
SW.11.218 - Studio		120	-	-
SW.11.219 - Ensuite		120	-	-
SW.11.219 - Studio		120	-	-
SW.11.220 - Ensuite		120	-	-
SW.11.220 - Studio		120	-	-
SW.11.221 - Ensuite		120	-	-
SW.11.221 - Studio		120	-	-
SW.11.222 - Ensuite		120	-	-
SW.11.222 - Studio		120	-	-
SW.11.223 - Ensuite		120	-	-
SW.11.223 - Studio		120	-	-
SW.11.224 - Ensuite		120	-	-
SW.11.224 - Studio		120	-	-
SW.11.225 - Ensuite		120	-	-
SW.11.225 - Studio		120	-	-
SW.11.226 - Ensuite		120	-	-
SW.11.226 - Studio		120	-	-
SW.11.227 - Ensuite		120	-	-
SW.11.227 - Studio		120	-	-
SW.11.228 - Ensuite		120	-	-
SW.11.228 - Studio		120	-	-
SW.11.229 - Ensuite		120	-	-
SW.11.229 - Studio		120	-	-
SW.11.230 - Ensuite		120	-	-
SW.11.230 - Studio		120	-	-
SW.12 - Plant Room		120	-	-

The spaces in the building should have appropriate passive control measures to limit solar gains in summer

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SE.00 - Commercial Unit 2	NO (-29%)	NO
SE.01.006 - Studio	NO (-83.7%)	NO
SE.01.007 - Studio	NO (-78%)	NO
SE.01.008 - Studio	NO (-72.3%)	NO
SE.01.009 - Studio	NO (-77.5%)	NO
SE.01.010 - Studio	NO (-46.4%)	NO
SE.01.011 - Bed 1	NO (-61.9%)	NO
SE.01.012 - Studio	NO (-79.5%)	NO
SE.01.013 - Studio	NO (-88.6%)	NO
SE.02.030 - Studio	NO (-83.8%)	NO
SE.02.031 - Studio	NO (-78%)	NO
SE.02.032 - Studio	NO (-72.2%)	NO
SE.02.033 - Studio	NO (-77.5%)	NO
SE.02.034 - Studio	NO (-46.4%)	NO
SE.02.035 - Bed 1	NO (-61.7%)	NO
SE.02.036 - Studio	NO (-79.4%)	NO
SE.02.037 - Studio	NO (-88.5%)	NO
SE.03.055 - Studio	NO (-83.6%)	NO
SE.03.056 - Studio	NO (-77.8%)	NO
SE.03.057 - Studio	NO (-72.2%)	NO
SE.03.058 - Studio	NO (-77.5%)	NO
SE.03.059 - Studio	NO (-46.4%)	NO
SE.03.060 - Bed 1	NO (-61.7%)	NO
SE.03.061 - Studio	NO (-79.3%)	NO
SE.03.062 - Studio	NO (-88.4%)	NO
SE.04.080 - Studio	NO (-83.2%)	NO
SE.04.081 - Studio	NO (-77.3%)	NO
SE.04.082 - Studio	NO (-72%)	NO
SE.04.083 - Studio	NO (-77.5%)	NO
SE.04.084 - Studio	NO (-46.4%)	NO
SE.04.085 - Bed 1	NO (-61.5%)	NO
SE.04.086 - Studio	NO (-79.2%)	NO
SE.04.087 - Studio	NO (-87.9%)	NO
SE.05.105 - Studio	NO (-80.5%)	NO
SE.05.106 - Studio	NO (-74.4%)	NO
SE.05.107 - Studio	NO (-71.7%)	NO
SE.05.108 - Studio	NO (-77.5%)	NO
SE.05.109 - Studio	NO (-46.4%)	NO
SE.05.110 - Bed 1	NO (-61.3%)	NO
SE.05.111 - Studio	NO (-79%)	NO
SE.05.112 - Studio	NO (-86.3%)	NO
SE.06.125 - Studio	NO (-70.3%)	NO
SE.06.126 - Studio	NO (-69.2%)	NO
SE.06.127 - Studio	NO (-71%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SE.06.128 - Studio	NO (-67.6%)	NO
SE.06.129 - Studio	NO (-59.3%)	NO
SE.06.130 - Studio	NO (-55.6%)	NO
SE.06.131 - Studio	NO (-63.9%)	NO
SE.06.132 - Studio	NO (-75.9%)	NO
SE.06.133 - Studio	NO (-79.9%)	NO
SE.06.134 - Studio	NO (-34.5%)	NO
SE.06.135 - Studio	NO (-69.1%)	NO
SE.06.136 - Studio	NO (-78.7%)	NO
SE.06.137 - Studio	NO (-82.2%)	NO
SE.07.150 - Studio	NO (-53.8%)	NO
SE.07.151 - Studio	NO (-67.2%)	NO
SE.07.152 - Studio	NO (-70.7%)	NO
SE.07.153 - Studio	NO (-67.5%)	NO
SE.07.154 - Studio	NO (-69.6%)	NO
SE.07.155.02 - Studio	NO (-48.9%)	NO
SE.07.155.03 - Studio	NO (-67.2%)	NO
SE.07.155.04 - Studio	NO (-72.6%)	NO
SE.07.155.05 - Studio	NO (-57.5%)	NO
SE.07.155.06 - Studio	NO (-52.3%)	NO
SE.07.155.07 - Studio	NO (-58.8%)	NO
SE.07.156 - Studio	NO (-78.7%)	NO
SE.07.157 - Studio	NO (-83.5%)	NO
SE.08.171 - Studio	NO (-53.9%)	NO
SE.08.172 - Studio	NO (-67.6%)	NO
SE.08.173 - Studio	NO (-71%)	NO
SE.08.174 - Studio	NO (-68%)	NO
SE.08.175 - Studio	NO (-70%)	NO
SE.08.176.02 - Studio	NO (-46.7%)	NO
SE.08.176.03 - Studio	NO (-66.3%)	NO
SE.08.176.04 - Studio	NO (-72.1%)	NO
SE.08.176.05 - Studio	NO (-56.1%)	NO
SE.08.176.06 - Studio	NO (-51.4%)	NO
SE.08.176.07 - Studio	NO (-59%)	NO
SE.08.177 - Studio	NO (-79.2%)	NO
SE.08.178 - Studio	NO (-83.8%)	NO
SE.B - Commercial Unit 2	N/A	N/A
SN.00 - Commercial Unit 1	NO (-22.8%)	NO
SN.00 - Staff Room	N/A	N/A
SN.01.001 - Studio	NO (-75.7%)	NO
SN.01.002 - Studio	NO (-41.1%)	NO
SN.01.003 - Studio	NO (-58.1%)	NO
SN.01.004 - Studio	NO (-55.1%)	NO
SN.01.005 - Studio	NO (-81.3%)	NO
SN.02.025 - Studio	NO (-75.7%)	NO
SN.02.026 - Studio	NO (-41.1%)	NO
SN.02.027 - Studio	NO (-58.1%)	NO
SN.02.028 - Studio	NO (-55.2%)	NO
SN.02.029 - Studio	NO (-81.3%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SN.03.050 - Studio	NO (-75.7%)	NO
SN.03.051 - Studio	NO (-41.1%)	NO
SN.03.052 - Studio	NO (-58.1%)	NO
SN.03.053 - Studio	NO (-55.1%)	NO
SN.03.054 - Studio	NO (-81.3%)	NO
SN.04.075 - Studio	NO (-75.7%)	NO
SN.04.076 - Studio	NO (-41.1%)	NO
SN.04.077 - Studio	NO (-58.2%)	NO
SN.04.078 - Studio	NO (-55.1%)	NO
SN.04.079 - Studio	NO (-81.3%)	NO
SN.05.100 - Studio	NO (-76.1%)	NO
SN.05.101 - Studio	NO (-42.3%)	NO
SN.05.102 - Studio	NO (-59.6%)	NO
SN.05.103 - Studio	NO (-56.2%)	NO
SN.05.104 - Studio	NO (-81.5%)	NO
SN.B - Commercial Unit 1	N/A	N/A
SW.00 - Dining Room	NO (-65.6%)	NO
SW.01.014 - Studio	NO (-92%)	NO
SW.01.015 - Studio	NO (-84.3%)	NO
SW.01.016 - Studio	NO (-58.2%)	NO
SW.01.017 - Studio	NO (-62.8%)	NO
SW.01.018 - Studio	NO (-59.5%)	NO
SW.01.019 - Studio	NO (-48.9%)	NO
SW.01.020 - Studio	NO (-51.2%)	NO
SW.01.021 - Studio	NO (-57.6%)	NO
SW.01.022 - Studio	NO (-66.1%)	NO
SW.01.023 - Studio	NO (-76.5%)	NO
SW.01.024 - Studio	NO (-86.8%)	NO
SW.02.038 - Studio	NO (-91.9%)	NO
SW.02.039 - Studio	NO (-76.7%)	NO
SW.02.040 - Studio	NO (-65.7%)	NO
SW.02.041 - Studio	NO (-58.3%)	NO
SW.02.042 - Studio	NO (-62.8%)	NO
SW.02.043 - Studio	NO (-59.5%)	NO
SW.02.044 - Studio	NO (-48.9%)	NO
SW.02.045 - Studio	NO (-51.2%)	NO
SW.02.046 - Studio	NO (-57.6%)	NO
SW.02.047 - Studio	NO (-66%)	NO
SW.02.048 - Studio	NO (-76.4%)	NO
SW.02.049 - Studio	NO (-86.8%)	NO
SW.03.063 - Studio	NO (-91.8%)	NO
SW.03.064 - Studio	NO (-76.3%)	NO
SW.03.065 - Studio	NO (-65%)	NO
SW.03.066 - Studio	NO (-58.3%)	NO
SW.03.067 - Studio	NO (-62.8%)	NO
SW.03.068 - Studio	NO (-59.5%)	NO
SW.03.069 - Studio	NO (-48.9%)	NO
SW.03.070 - Studio	NO (-51.2%)	NO
SW.03.071 - Studio	NO (-57.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SW.03.072 - Studio	NO (-65.9%)	NO
SW.03.073 - Studio	NO (-76.1%)	NO
SW.03.074 - Studio	NO (-86.7%)	NO
SW.04.088 - Studio	NO (-91.3%)	NO
SW.04.089 - Studio	NO (-74.5%)	NO
SW.04.090 - Studio	NO (-64.8%)	NO
SW.04.091 - Studio	NO (-57.8%)	NO
SW.04.092 - Studio	NO (-62.8%)	NO
SW.04.093 - Studio	NO (-59.5%)	NO
SW.04.094 - Studio	NO (-48.9%)	NO
SW.04.095 - Studio	NO (-51.2%)	NO
SW.04.096 - Studio	NO (-57.6%)	NO
SW.04.097 - Studio	NO (-65.8%)	NO
SW.04.098 - Studio	NO (-75.7%)	NO
SW.04.099 - Studio	NO (-86.3%)	NO
SW.05.113 - Studio	NO (-90.2%)	NO
SW.05.114 - Studio	NO (-73.1%)	NO
SW.05.115 - Studio	NO (-64.1%)	NO
SW.05.116 - Studio	NO (-56.8%)	NO
SW.05.117 - Studio	NO (-62.8%)	NO
SW.05.118 - Studio	NO (-59.5%)	NO
SW.05.119 - Studio	NO (-48.9%)	NO
SW.05.120 - Studio	NO (-51.2%)	NO
SW.05.121 - Studio	NO (-57.6%)	NO
SW.05.122 - Studio	NO (-65.6%)	NO
SW.05.123 - Studio	NO (-74%)	NO
SW.05.124 - Studio	NO (-83.9%)	NO
SW.06.138 - Studio	NO (-88.5%)	NO
SW.06.139 - Studio	NO (-70.5%)	NO
SW.06.140 - Studio	NO (-61.9%)	NO
SW.06.141 - Studio	NO (-56.5%)	NO
SW.06.142 - Studio	NO (-62.8%)	NO
SW.06.143 - Studio	NO (-59.5%)	NO
SW.06.144 - Studio	NO (-48.9%)	NO
SW.06.145 - Studio	NO (-51.2%)	NO
SW.06.146 - Studio	NO (-57.6%)	NO
SW.06.147 - Studio	NO (-65.4%)	NO
SW.06.148 - Studio	NO (-71.7%)	NO
SW.06.149 - Studio	NO (-76.8%)	NO
SW.07.158 - Studio	NO (-77.9%)	NO
SW.07.159 - Studio	NO (-81.1%)	NO
SW.07.160 - Studio	NO (-67.5%)	NO
SW.07.161 - Studio	NO (-58.8%)	NO
SW.07.162 - Studio	NO (-55.5%)	NO
SW.07.163 - Studio	NO (-62.8%)	NO
SW.07.164 - Studio	NO (-59.5%)	NO
SW.07.165 - Studio	NO (-48.9%)	NO
SW.07.166 - Studio	NO (-51.2%)	NO
SW.07.167 - Studio	NO (-57.6%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SW.07.168 - Studio	NO (-65.2%)	NO
SW.07.169 - Studio	NO (-70.5%)	NO
SW.07.170 - Studio	NO (-72.6%)	NO
SW.08.179 - Studio	NO (-73.9%)	NO
SW.08.180 - Studio	NO (-74.2%)	NO
SW.08.181 - Studio	NO (-60.6%)	NO
SW.08.182 - Studio	NO (-55.8%)	NO
SW.08.183 - Studio	NO (-54.7%)	NO
SW.08.184 - Studio	NO (-62.8%)	NO
SW.08.185 - Studio	NO (-59.5%)	NO
SW.08.186 - Studio	NO (-48.9%)	NO
SW.08.187 - Studio	NO (-51.2%)	NO
SW.08.188 - Studio	NO (-57.6%)	NO
SW.08.189 - Studio	NO (-65.2%)	NO
SW.08.190 - Studio	NO (-70.4%)	NO
SW.08.191 - Studio	NO (-71%)	NO
SW.09.192 - Studio	NO (-67.4%)	NO
SW.09.193 - Studio	NO (-63%)	NO
SW.09.194 - Studio	NO (-54.5%)	NO
SW.09.195 - Studio	NO (-52.4%)	NO
SW.09.196 - Studio	NO (-53.8%)	NO
SW.09.197 - Studio	NO (-62.7%)	NO
SW.09.198 - Studio	NO (-59.5%)	NO
SW.09.199 - Studio	NO (-48.9%)	NO
SW.09.200 - Studio	NO (-51.2%)	NO
SW.09.201 - Studio	NO (-57.6%)	NO
SW.09.202 - Studio	NO (-65.2%)	NO
SW.09.203 - Studio	NO (-70.3%)	NO
SW.09.204 - Studio	NO (-69.4%)	NO
SW/SE.00 - Gym	NO (-93.8%)	NO
SW.10.205 - Studio	NO (-64.8%)	NO
SW.10.206 - Studio	NO (-56.9%)	NO
SW.10.207 - Studio	NO (-50.6%)	NO
SW.10.208 - Studio	NO (-50.5%)	NO
SW.10.209 - Studio	NO (-53.1%)	NO
SW.10.210 - Studio	NO (-62.7%)	NO
SW.10.211 - Studio	NO (-59.5%)	NO
SW.10.212 - Studio	NO (-49%)	NO
SW.10.213 - Studio	NO (-51.2%)	NO
SW.10.214 - Studio	NO (-57.7%)	NO
SW.10.215 - Studio	NO (-65.2%)	NO
SW.10.216 - Studio	NO (-70.4%)	NO
SW.10.217 - Studio	NO (-68.8%)	NO
SW.11.218 - Studio	NO (-65.3%)	NO
SW.11.219 - Studio	NO (-57.4%)	NO
SW.11.220 - Studio	NO (-50.9%)	NO
SW.11.221 - Studio	NO (-50.8%)	NO
SW.11.222 - Studio	NO (-53.5%)	NO
SW.11.223 - Studio	NO (-63.1%)	NO

Zone	Solar gain limit exceeded? (%)	Internal blinds used?
SW.11.224 - Studio	NO (-60%)	NO
SW.11.225 - Studio	NO (-49.5%)	NO
SW.11.226 - Studio	NO (-51.7%)	NO
SW.11.227 - Studio	NO (-58.1%)	NO
SW.11.228 - Studio	NO (-65.6%)	NO
SW.11.229 - Studio	NO (-70.7%)	NO
SW.11.230 - Studio	NO (-69.2%)	NO

Regulation 25A: Consideration of high efficiency alternative energy systems

Were alternative energy systems considered and analysed as part of the design process?	YES
Is evidence of such assessment available as a separate submission?	YES
Are any such measures included in the proposed design?	NO

Technical Data Sheet (Actual vs. Notional Building)

Building Global Parameters

	Actual	Notional
Floor area [m ²]	10586.4	10586.4
External area [m ²]	9667.3	9667.3
Weather	LON	LON
Infiltration [m ³ /hm ² @ 50Pa]	2	3
Average conductance [W/K]	2020.7	4145.46
Average U-value [W/m ² K]	0.21	0.43
Alpha value* [%]	12.69	10

* Percentage of the building's average heat transfer coefficient which is due to thermal bridging

Building Use

% Area	Building Type
	Retail/Financial and Professional Services
7	Restaurants and Cafes/Drinking Establishments/Takeaways
	Offices and Workshop Businesses
	General Industrial and Special Industrial Groups
	Storage or Distribution
	Hotels
	Residential Institutions: Hospitals and Care Homes
	Residential Institutions: Residential Schools
93	Residential Institutions: Universities and Colleges
	Secure Residential Institutions
	Residential Spaces
	Non-residential Institutions: Community/Day Centre
	Non-residential Institutions: Libraries, Museums, and Galleries
	Non-residential Institutions: Education
	Non-residential Institutions: Primary Health Care Building
	Non-residential Institutions: Crown and County Courts
	General Assembly and Leisure, Night Clubs, and Theatres
	Others: Passenger Terminals
	Others: Emergency Services
	Others: Miscellaneous 24hr Activities
	Others: Car Parks 24 hrs
	Others: Stand Alone Utility Block

Energy Consumption by End Use [kWh/m²]

	Actual	Notional
Heating	5	6.12
Cooling	1.47	0.75
Auxiliary	7.22	4.33
Lighting	6.81	9
Hot water	6.15	10.35
Equipment*	34.06	34.06
TOTAL**	26.66	30.55

* Energy used by equipment does not count towards the total for consumption or calculating emissions.

** Total is net of any electrical energy displaced by CHP generators, if applicable.

Energy Production by Technology [kWh/m²]

	Actual	Notional
Photovoltaic systems	0	0
Wind turbines	0	0
CHP generators	0	0
Solar thermal systems	0	0
<i>Displaced electricity</i>	<i>0</i>	<i>0</i>

Energy & CO₂ Emissions Summary

	Actual	Notional
Heating + cooling demand [MJ/m ²]	64.2	73.7
Primary energy [kWh _{PE} /m ²]	40.54	45.41
Total emissions [kg/m ²]	3.76	4.23

HVAC Systems Performance										
System Type	Heat dem MJ/m2	Cool dem MJ/m2	Heat con kWh/m2	Cool con kWh/m2	Aux con kWh/m2	Heat SSEFF	Cool SSEER	Heat gen SEFF	Cool gen SEER	
[ST] Central heating using water: radiators, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	61.7	0	6.2	0	7.6	2.78	0	3.09	0
	Notional	75.4	0	7.5	0	3.7	2.78	0	----	----
[ST] Variable refrigerant flow, [HS] ASHP, [HFT] Electricity, [CFT] Electricity										
	Actual	12.4	198.2	1.2	20.6	16.4	2.78	2.67	3.09	4
	Notional	17.3	174.5	1.7	10.5	17.1	2.78	4.63	----	----
[ST] No Heating or Cooling										
	Actual	0	0	0	0	0	0	0	0	0
	Notional	0	0	0	0	0	0	0	----	----

Key to terms

Heat dem [MJ/m2]	= Heating energy demand
Cool dem [MJ/m2]	= Cooling energy demand
Heat con [kWh/m2]	= Heating energy consumption
Cool con [kWh/m2]	= Cooling energy consumption
Aux con [kWh/m2]	= Auxiliary energy consumption
Heat SSEFF	= Heating system seasonal efficiency (for notional building, value depends on activity glazing class)
Cool SSEER	= Cooling system seasonal energy efficiency ratio
Heat gen SSEFF	= Heating generator seasonal efficiency
Cool gen SSEER	= Cooling generator seasonal energy efficiency ratio
ST	= System type
HS	= Heat source
HFT	= Heating fuel type
CFT	= Cooling fuel type